

RAW SEQUENCE LISTING

EFS

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/800,487E
Source: 1FW16
Date Processed by STIC: 3/29/07

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 03/29/2007

PATENT APPLICATION: US/10/800,487E

TIME: 13:20:02

Input Set : N:\efs\03_29_07\10800487_efs\04218_400148_SeqList.txt

Output Set: N:\CRF4\03292007\J800487E.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.
4 McSwiggen, James
6 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Intercellular
Adhesion
7 Molecule (ICAM) Gene Expression Using Short Interfering Nucleic
8 Acid (siNA)
10 <130> FILE REFERENCE: 400/148 (MBHB04-218)
12 <140> CURRENT APPLICATION NUMBER: US 10/800,487E
13 <141> CURRENT FILING DATE: 2004-03-15
15 <150> PRIOR APPLICATION NUMBER: US 10/757,803
16 <151> PRIOR FILING DATE: 2004-01-15
18 <150> PRIOR APPLICATION NUMBER: US 10/720,448
19 <151> PRIOR FILING DATE: 2003-11-24
21 <150> PRIOR APPLICATION NUMBER: US 10/693,059
22 <151> PRIOR FILING DATE: 2003-10-23
24 <150> PRIOR APPLICATION NUMBER: US 10/444,853
25 <151> PRIOR FILING DATE: 2003-05-23
27 <150> PRIOR APPLICATION NUMBER: US 10/427,160
28 <151> PRIOR FILING DATE: 2003-04-30
30 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346
31 <151> PRIOR FILING DATE: 2003-02-20
33 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028
34 <151> PRIOR FILING DATE: 2003-02-20
36 <150> PRIOR APPLICATION NUMBER: US 60/358,580
37 <151> PRIOR FILING DATE: 2002-02-20
39 <150> PRIOR APPLICATION NUMBER: US 60/363,124
40 <151> PRIOR FILING DATE: 2002-03-11
42 <150> PRIOR APPLICATION NUMBER: US 60/386,782
43 <151> PRIOR FILING DATE: 2002-06-06
45 <150> PRIOR APPLICATION NUMBER: US 60/406,784
46 <151> PRIOR FILING DATE: 2002-08-29
48 <150> PRIOR APPLICATION NUMBER: US 60/408,378
49 <151> PRIOR FILING DATE: 2002-09-05
51 <150> PRIOR APPLICATION NUMBER: US 60/409,293
52 <151> PRIOR FILING DATE: 2002-09-09
54 <150> PRIOR APPLICATION NUMBER: US 60/440,129
55 <151> PRIOR FILING DATE: 2003-01-15
57 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876
58 <151> PRIOR FILING DATE: 2002-05-17
60 <160> NUMBER OF SEQ ID NOS: 439
62 <170> SOFTWARE: PatentIn version 3.3
64 <210> SEQ ID NO: 1
65 <211> LENGTH: 19
66 <212> TYPE: RNA

see p. 6

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67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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76 <210> SEQ ID NO: 2
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78 <212> TYPE: RNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
84 <400> SEQUENCE: 2
85 cuccucugcu acucagagu 19
88 <210> SEQ ID NO: 3
89 <211> LENGTH: 19
90 <212> TYPE: RNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
96 <400> SEQUENCE: 3
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102 <212> TYPE: RNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
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114 <212> TYPE: RNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
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121 ccggcccgcg cugcccgcg 19
124 <210> SEQ ID NO: 6
125 <211> LENGTH: 19
126 <212> TYPE: RNA
127 <213> ORGANISM: Artificial Sequence
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132 <400> SEQUENCE: 6
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136 <210> SEQ ID NO: 7
137 <211> LENGTH: 19
138 <212> TYPE: RNA
139 <213> ORGANISM: Artificial Sequence

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151 <213> ORGANISM: Artificial Sequence
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160 <210> SEQ ID NO: 9
161 <211> LENGTH: 19
162 <212> TYPE: RNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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169 uguguccccc ucaaaaaguc 19
172 <210> SEQ ID NO: 10
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174 <212> TYPE: RNA
175 <213> ORGANISM: Artificial Sequence
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198 <212> TYPE: RNA
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205 cagcaccucc ugugaccag 19
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209 <211> LENGTH: 19
210 <212> TYPE: RNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:

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223 <213> ORGANISM: Artificial Sequence
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233 <211> LENGTH: 19
234 <212> TYPE: RNA
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245 <211> LENGTH: 19
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247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
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252 <400> SEQUENCE: 16
253 ugghaacaac cggaaggug                                     19
256 <210> SEQ ID NO: 17
257 <211> LENGTH: 19
258 <212> TYPE: RNA
259 <213> ORGANISM: Artificial Sequence
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262 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
264 <400> SEQUENCE: 17
265 gaaugaacug agcaaugug                                     19
268 <210> SEQ ID NO: 18
269 <211> LENGTH: 19
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276 <400> SEQUENCE: 18
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281 <211> LENGTH: 19
282 <212> TYPE: RNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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TIME: 13:20:02

Input Set : N:\efs\03_29_07\10800487_efs\04218_400148_SeqList.txt

Output Set: N:\CRF4\03292007\J800487E.raw

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289 aaugugcuau ucaaacugc 19
292 <210> SEQ ID NO: 20
293 <211> LENGTH: 19
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300 <400> SEQUENCE: 20
301 ccugauggg cagucaaca 19
304 <210> SEQ ID NO: 21
305 <211> LENGTH: 19
306 <212> TYPE: RNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
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312 <400> SEQUENCE: 21
313 agcuaaaacc uuccucacc 19
316 <210> SEQ ID NO: 22
317 <211> LENGTH: 19
318 <212> TYPE: RNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
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324 <400> SEQUENCE: 22
325 cguguacugg acuccagaa 19
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329 <211> LENGTH: 19
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331 <213> ORGANISM: Artificial Sequence
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336 <400> SEQUENCE: 23
337 acggguggaa cuggcaccc 19
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341 <211> LENGTH: 19
342 <212> TYPE: RNA
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
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348 <400> SEQUENCE: 24
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352 <210> SEQ ID NO: 25
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354 <212> TYPE: RNA
355 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:
358 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
360 <400> SEQUENCE: 25

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/800,487E

DATE: 03/29/2007
TIME: 13:20:03

Input Set : N:\efs\03_29_07\10800487_efs\04218_400148_SeqList.txt
Output Set: N:\CRF4\03292007\J800487E.raw

KJI
Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:421; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:422; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:423; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:424; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:425; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:426; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:427; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:428; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:429; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21

VERIFICATION SUMMARY

DATE: 03/29/2007

PATENT APPLICATION: US/10/800,487E

TIME: 13:20:03

Input Set : N:\efs\03_29_07\10800487_efs\04218_400148_SeqList.txt

Output Set: N:\CRF4\03292007\J800487E.raw

L:8119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421 after pos.:0
L:8151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:422 after pos.:0
L:8179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:423 after pos.:0
L:8212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:424 after pos.:0
L:8245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:425 after pos.:0
L:8277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:426 after pos.:0
L:8310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:427 after pos.:0
L:8342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:428 after pos.:0
L:8375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:429 after pos.:0